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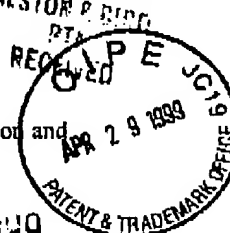
Application No. 09/236,995; Filing Date 01/26/99

Inventor(s): Mahajan et al.; Title of Invention: POLY ADP-RIBOSE  
POLYMERASE GENE AND ITS USES

Documents Enclosed: Information Disclosure Statement 1 page / Form 1449 -  
2 pages / 11 supporting attachments

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MAY 05 1999

**COPY**Attorney's Docket No. 5718-34PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Mahajan et al.  
Appl. No.: 09/236,995  
Filed: January 26, 1999  
For: POLY ADP-RIBOSE POLYMERASE GENE AND ITS USES

Group Art Unit: 1643  
Examiner: To be assigned

April 27, 1999

Assistant Commissioner for Patents  
Washington, DC 20231

**INFORMATION DISCLOSURE STATEMENT  
CITATION UNDER 37 C.F.R. § 1.97**

Sir:

Attached is a list of documents on form PTO-1449 together with a copy of each identified document. It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP.

Respectfully submitted,

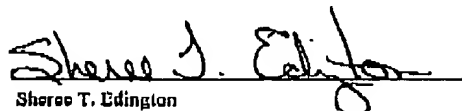


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Sherree T. Edington

RTA01/2062829v1

Substitute for form 1449A/ITTO				Complete if known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	09/236,995
				Filing Date	01/26/99
				First Named Inventor	Mahajan et al.
				Group Art Unit	1643
				Examiner Name	To be assigned
Sheet	1	of	2	Attorney Docket Number	5718-34

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U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
		Number	Kind Code (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
	1	EP	0 757 102	A1	Plant Genetic Systems	02/05/1997		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T
	2	UEIDA et al., ADP-Ribosylation, Ann. Rev. Biochem., 1985, pp. 73-100, Vol. 54, Annual Reviews Inc.			
	3	USHIRO et al., Purification and Characterization of Poly (ADP-Ribose) Synthetase from Human Placenta, The Journal of Biological Chemistry, Feb. 15, 1987, pp. 2352-2357, Vol. 262, No. 5, The American Society of Biological Chemists, Inc.			
	4	BURTSCHER et al., Isolation of ADP-Ribosyltransferase by Affinity Chromatography, Analytical Biochemistry, 1986, pp. 285-290, Vol. 152, Academic Press, Inc.			
	5	KOFER et al., Purification and Characterization of NAD <sup>+</sup> ADP-Ribosyltransferase (Polymerizing) From <i>Dicystelium Discoideum</i> , Biochem J., 1993, pp. 275-281, Vol. 293, Great Britain			
	6	CHEN et al., Poly(ADP-ribose) Polymerase in Plant Nuclei, Eur. J. Biochem., Feb. 1994, pp. 135-154, Vol. 224, England			
	7	WANG et al., Mice Lacking ADPRT and Poly(DP-Ribosylation) Develop Normally But Are Susceptible to Skin Disease, Genes and Development, 1995, pp. 509-520, Vol. 9, Cold Spring Harbor Laboratory Press			
	8	LEPINIEC et al., Characterization of an <i>Arabidopsis thaliana</i> cDNA Homologue to Animal Poly(ADP-Ribose) Polymerase, FEBS Letters, 1995, pp. 103-108, Vol. 364, Federation of European Biochemical Societies			

Examiner Signature		Date Considered	
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO		Complete in . . . now	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	09/236,995
		Filing Date	01/26/99
		First Named Inventor	Mahajan et al.
		Group Art Unit	1643
		Examiner Name	To be assigned
Sheet	2	of	2
		Attorney Docket Number	5718-34

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	9	SCHREIBER et al., A Dominant-Negative Mutant of Human Poly(ADP-ribose) Polymerase Affects Cell Recovery, Apoptosis, and Sister Chromatid Exchange Following DNA Damage, Proc. Natl. Acad. Sci. USA, May 1995, pp. 4753-4757, Vol. 92, Cell Biology	
	10	HELLER et al., Inactivation of the Poly(ADP-ribose) Polymerase Gene Affects Oxygen Radical and Nitric Oxide Toxicity in Islet Cells, The Journal of Biological Chemistry, May 12, 1995, pp. 11176-11180, Vol. 270, No. 19, The American Society for Biochemistry and Molecular Biology, Inc.	
	11	SHAI et al., Review: Methods for Biochemical Study of Poly(ADP-Ribose) Metabolism <i>In Vitro</i> and <i>In Vivo</i> , Analytical Biochemistry, 1995, pp. 1-13, Vol. 227, Academic Press, Inc.	

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